

WHAT IS CLAIMED IS:

- 5 1. A projection display apparatus that carries out processing with information stored in a portable memory, comprising:
a memory controller configured to read out the information stored in the portable memory;
an image processing section configured to prepare display image data representing an image to be displayed from said image data stored in the portable memory according to an instruction of a processing program which is read from the portable memory and which represents a series of processing steps to be executed by the projection display apparatus;
10 an electro-optic device configured to form image light in response to the display image data; and
an optical system configured to project the image light to display the image.
- 15 2. A projection display apparatus in accordance with claim 1, wherein the image processing section is configured to control the projection display apparatus according to an instruction of the processing program.
- 20 3. A projection display apparatus in accordance with claim 2, wherein the control of the projection display apparatus includes control of an electric power supply circuit.
- 25 4. A projection display apparatus in accordance with claim 1, wherein the projection display apparatus is configured to reproduce sound based on the information stored in the portable memory.
- 30 5. A projection display apparatus in accordance with claim 2, wherein the projection display apparatus is configured to reproduce sound based on the information stored in the portable memory.
6. A projection display apparatus in accordance with claim 3, wherein the projection display apparatus is configured to reproduce sound based on the information stored in the portable memory

7. A projection display apparatus in accordance with claim 1, wherein the image processing section is configured to select at least one of image data supplied externally and image data read from the portable memory according to an instruction of selection included in the processing program, and to prepare the display image data using the selected image data.

8. A projection display apparatus in accordance with claim 2, wherein the image processing section is configured to select at least one of image data supplied externally and image data read from the portable memory according to an instruction of selection included in the processing program, and to prepare the display image data using the selected image data.

9. A projection display apparatus in accordance with claim 3, wherein the image processing section is configured to select at least one of image data supplied externally and image data read from the portable memory according to an instruction of selection included in the processing program, and to prepare the display image data using the selected image data.

10. A projection display apparatus in accordance with claim 4, wherein the image processing section is configured to select at least one of image data supplied externally and image data read from the portable memory according to an instruction of selection included in the processing program, and to prepare the display image data using the selected image data.

11. A projection display apparatus in accordance with claim 1, further comprising: an embellishment image memory configured to store embellishment image data, wherein the image processing section is configured to combine at least one of the image data read from the portable memory and the image data supplied externally with the embellishment image data according to an instruction of composition included in the processing program, so as to prepare the display image data.

12. A projection display apparatus in accordance with claim 2, further comprising:

an embellishment image memory configured to store embellishment image data,
wherein the image processing section is configured to combine at least one of the
image data read from the portable memory and the image data supplied externally with the
embellishment image data according to an instruction of composition included in the
5 processing program, so as to prepare the display image data.

13. A projection display apparatus in accordance with claim 3, further comprising:
an embellishment image memory configured to store embellishment image data,
wherein the image processing section is configured to combine at least one of the
10 image data read from the portable memory and the image data supplied externally with the
embellishment image data according to an instruction of composition included in the
processing program, so as to prepare the display image data.

14. A projection display apparatus in accordance with claim 4, further comprising:
an embellishment image memory configured to store embellishment image data,
wherein the image processing section is configured to combine at least one of the
image data read from the portable memory and the image data supplied externally with the
embellishment image data according to an instruction of composition included in the
processing program, so as to prepare the display image data.

15. A projection display apparatus in accordance with claim 7, further comprising:
an embellishment image memory configured to store embellishment image data,
wherein the image processing section is configured to combine at least one of the
image data read from the portable memory and the image data supplied externally with the
embellishment image data according to an instruction of composition included in the
25 processing program, so as to prepare the display image data.

16. A projection display apparatus in accordance with claim 1, wherein the image
processing section comprises a processing program editor configured to edit the processing
30 program, and

the memory controller is configured to write the processing program edited by the
processing program editor into the portable memory.

17. A projection display apparatus in accordance with claim 2, wherein the image processing section comprises a processing program editor configured to edit the processing program, and

5 the memory controller is configured to write the processing program edited by the processing program editor into the portable memory.

18. A projection display apparatus in accordance with claim 3, wherein the image processing section comprises a processing program editor configured to edit the processing program, and

10 the memory controller is configured to write the processing program edited by the processing program editor into the portable memory.

19. A projection display apparatus in accordance with claim 4, wherein the image processing section comprises a processing program editor configured to edit the processing program, and

15 the memory controller is configured to write the processing program edited by the processing program editor into the portable memory.

20. A projection display apparatus in accordance with claim 7, wherein the image processing section comprises a processing program editor configured to edit the processing program, and

25 the memory controller is configured to write the processing program edited by the processing program editor into the portable memory.

21. A projection display apparatus in accordance with claim 11, wherein the image processing section comprises a processing program editor configured to edit the processing program, and

30 the memory controller is configured to write the processing program edited by the processing program editor into the portable memory.

22. A method of displaying an image with a projection display apparatus that



includes an electro-optic device and carries out processing with information stored in a portable memory, the method comprising the steps of:

reading out the information stored in the portable memory;

preparing display image data representing an image to be displayed from image

5 data stored in the portable memory according to an instruction of a processing program that is read from the portable memory and represents a series of processing steps to be executed by the projection display apparatus;

causing the electro-optic device to form image light in response to the display image data; and

10 projecting the image light to display the image.

23. A projection display apparatus comprising:

means for reading information from a portable memory;

means for preparing a display image data from information read by said

15 means for reading, said display image data representing an image to be displayed;

means for forming image light in response to said display image data; and

means for projecting said image light on a projection screen to thereby display the image.

0974439-41700